

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048862.D
 Acq On : 23 Apr 2021 14:10
 Operator : CG/JU
 Sample : M2107-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-31-10.5-11.0

Manual Integrations
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Quant Time: Apr 23 15:11:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	26388	20.00	ng	# 0.00
21) Naphthalene-d8	10.882	136	100097	20.00	ng	-0.01
39) Acenaphthene-d10	14.713	164	66382	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	140380	20.00	ng	#-0.01
76) Chrysene-d12	21.769	240	123798	20.00	ng	-0.01
86) Perylene-d12	25.101	264	125301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	149254	94.60	ng	0.00
7) Phenol-d6	7.222	99	200928	90.03	ng	0.00
23) Nitrobenzene-d5	9.225	82	154137	68.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.211	330	81846	91.96	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	300730	65.42	ng	-0.01
79) Terphenyl-d14	20.083	244	391177	54.38	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.245	94	5142	2.34	ng	# 74
50) Dimethylphthalate	14.155	163	11719	2.35	ng	# 97
75) Fluoranthene	19.537	202	30129	3.27	ng	96
78) Pyrene	19.895	202	24905m	2.91	ng	
81) Benzo(a)anthracene	21.752	228	21628m	2.56	ng	
83) Chrysene	21.816	228	18948	2.35	ng	94
88) Benzo(b)fluoranthene	24.031	252	26647	3.13	ng	# 85
90) Benzo(a)pyrene	24.930	252	21958	2.80	ng	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

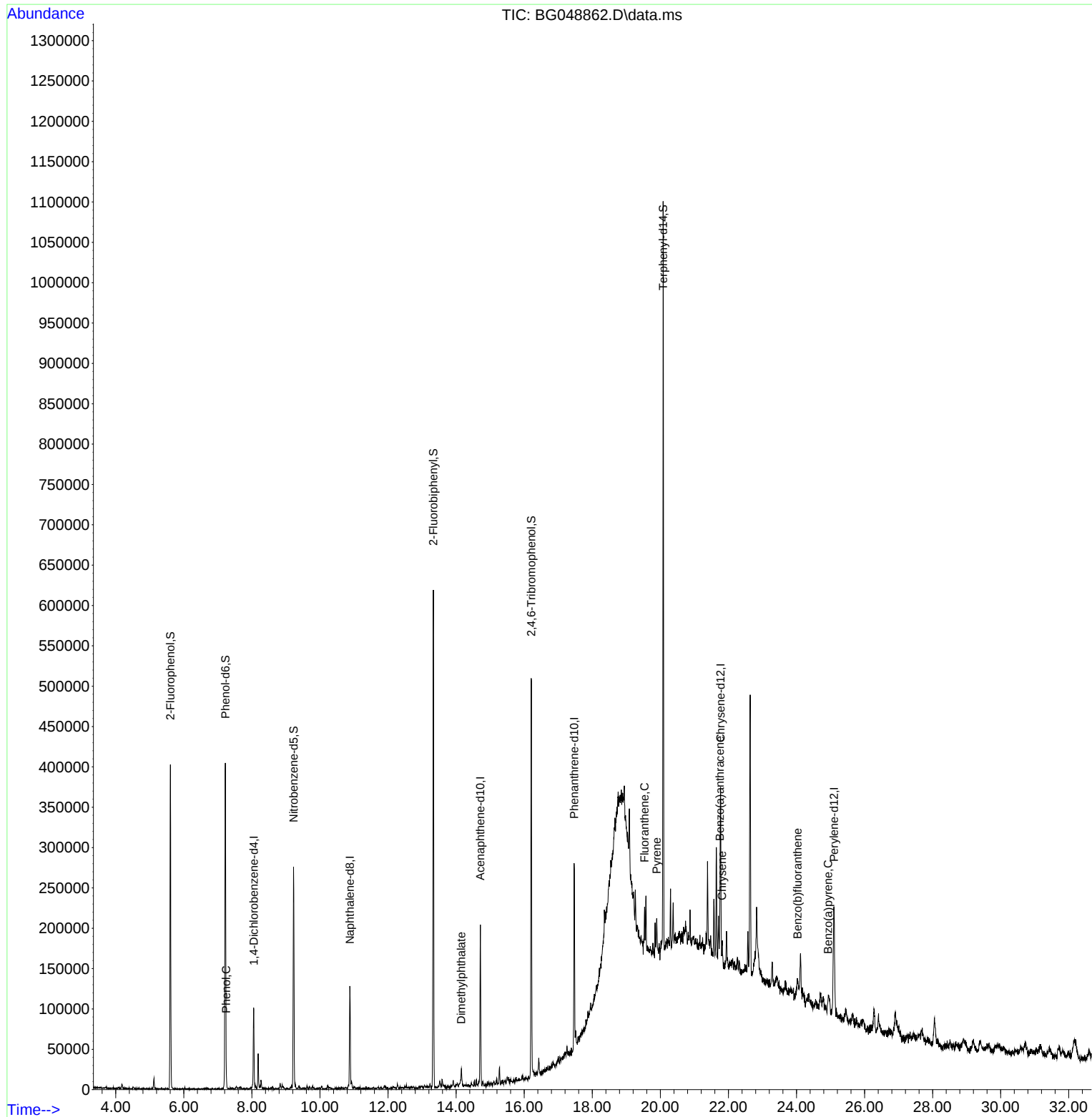
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Data File : BG048862.D
Acq On : 23 Apr 2021 14:10
Operator : CG/JU
Sample : M2107-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

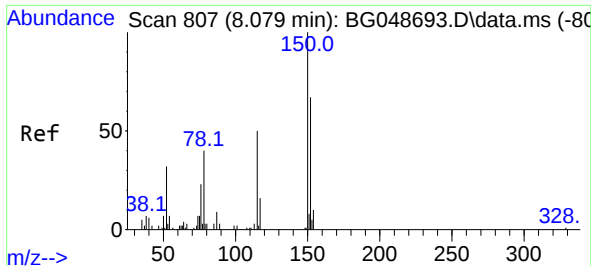
Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0

Manual Integrations
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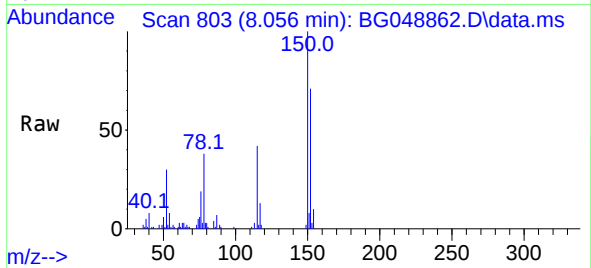
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Quant Time: Apr 23 15:11:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

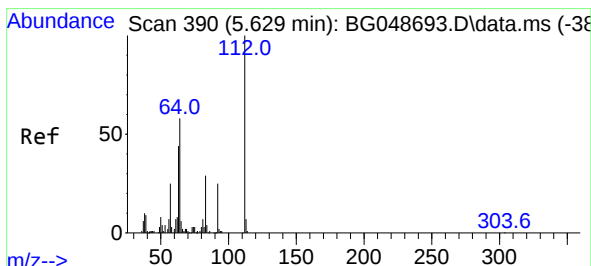
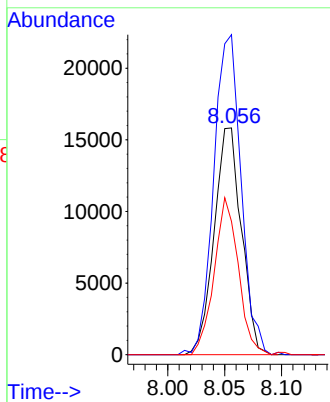
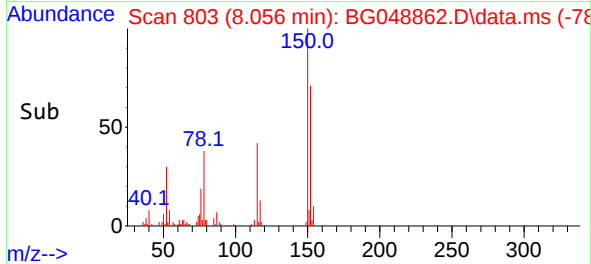




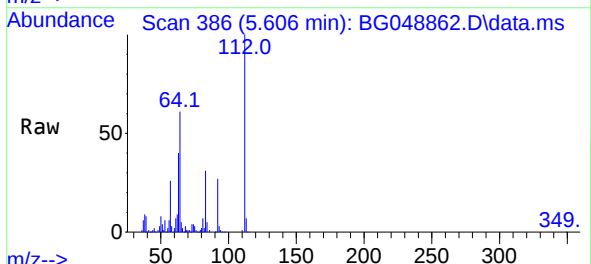
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



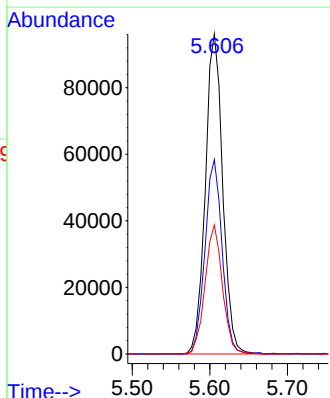
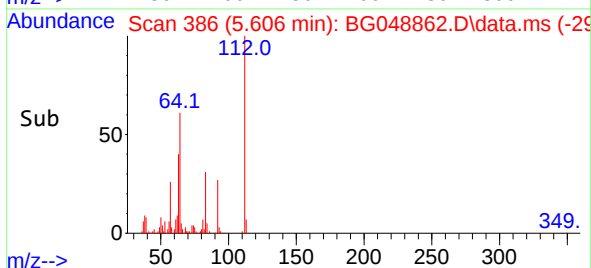
Tgt Ion:152 Resp: 26388
Ion Ratio Lower Upper
152 100
150 141.1 119.4 179.0
115 58.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 94.60 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.001 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



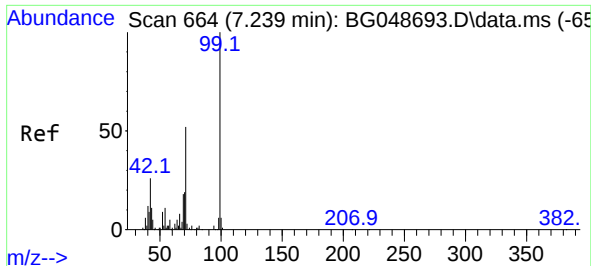
Tgt Ion:112 Resp: 149254
Ion Ratio Lower Upper
112 100
64 60.7 46.7 70.1
63 40.3 35.3 52.9



Instrument :
BNA_G
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SB-31-10.5-11.0

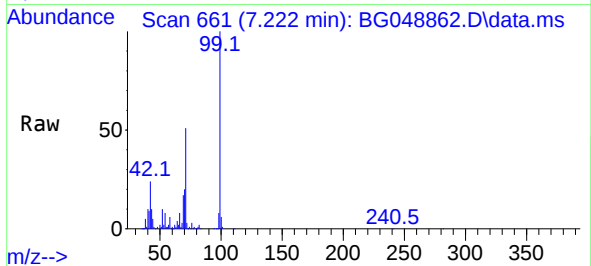
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#7
Phenol-d6
Concen: 90.03 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

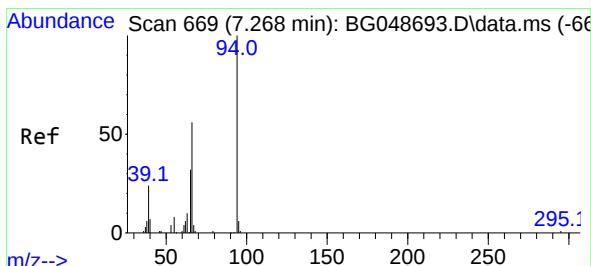
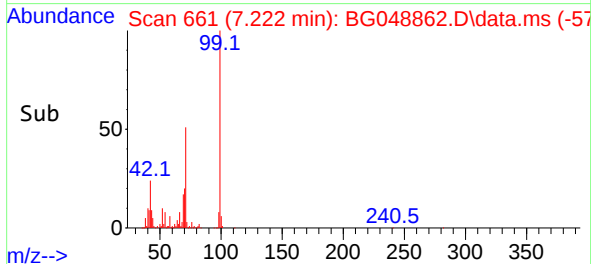
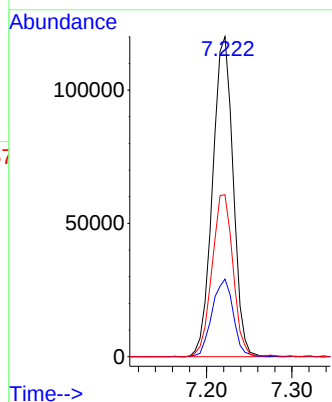
Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0



Tgt Ion: 99 Resp: 200928
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 50.6 41.5 62.3

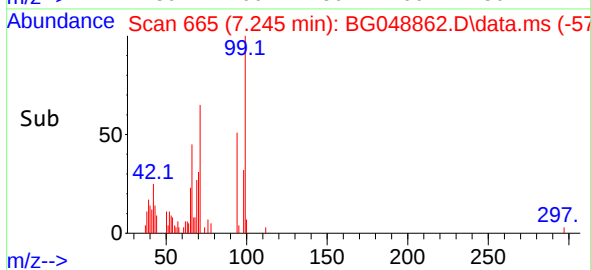
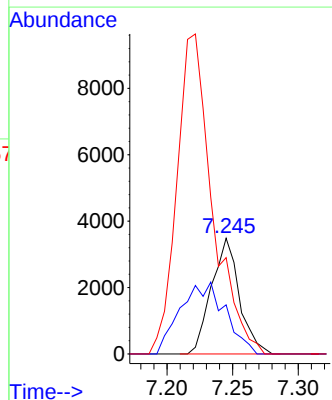
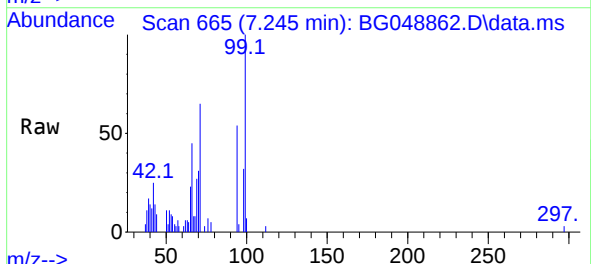
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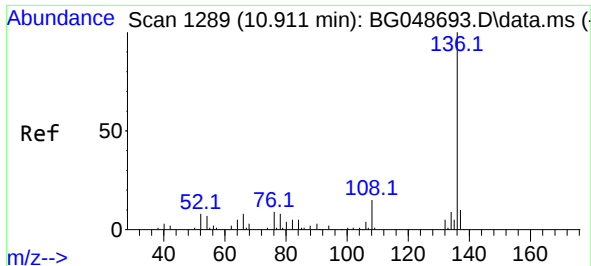
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#10
Phenol
Concen: 2.34 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

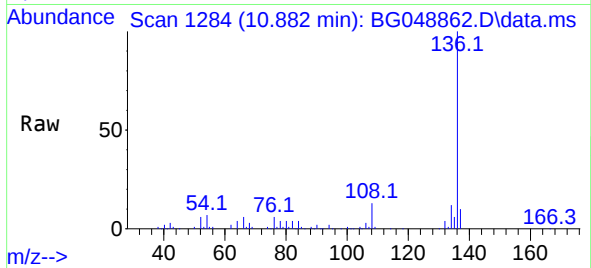
Tgt Ion: 94 Resp: 5142
Ion Ratio Lower Upper
94 100
65 42.5 12.9 52.9
66 83.3 39.4 79.4#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.882 min Scan# 1284
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0

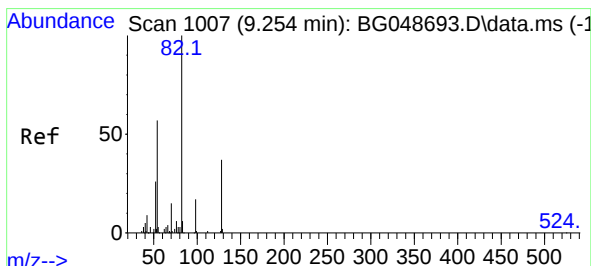
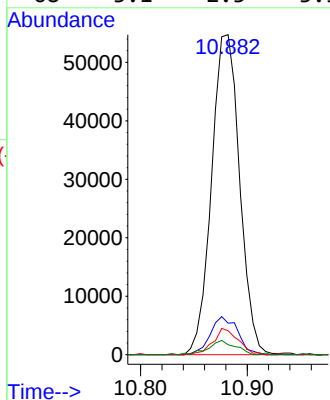
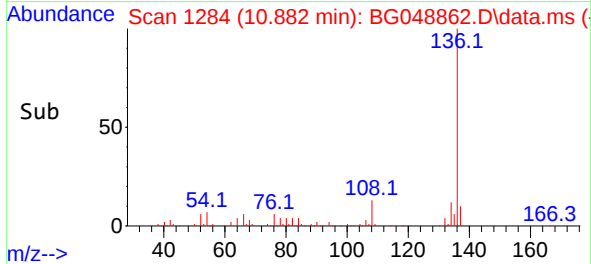


Tgt Ion: 136 Resp: 100097

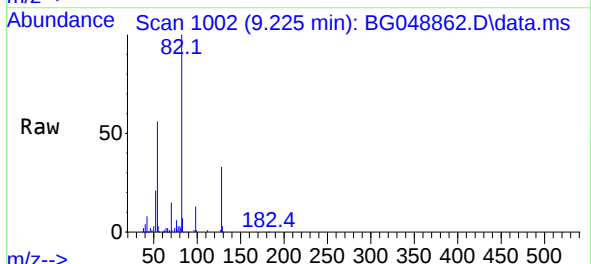
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	7.5	5.5	8.3
68	3.1	2.3	3.5

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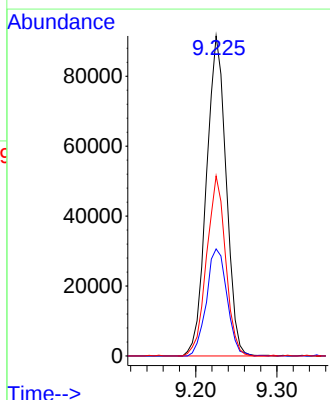
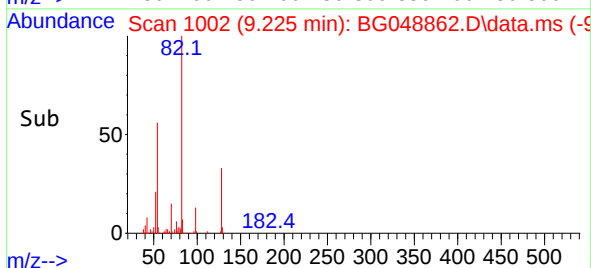


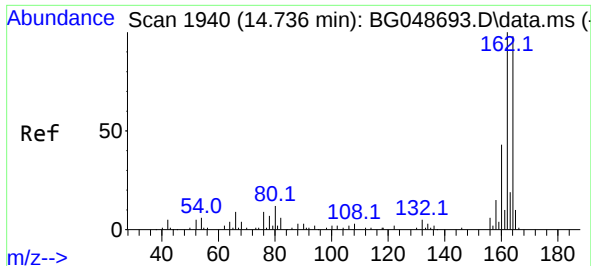
#23
Nitrobenzene-d5
Concen: 68.94 ng
RT: 9.225 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



Tgt Ion: 82 Resp: 154137

Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.8	44.6
54	56.2	45.8	68.8





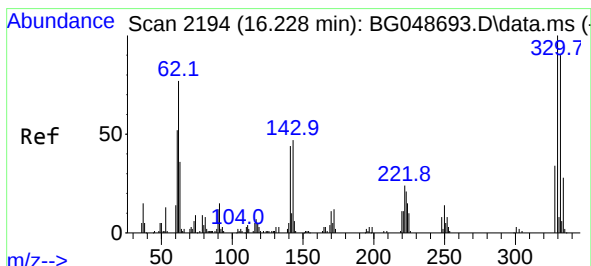
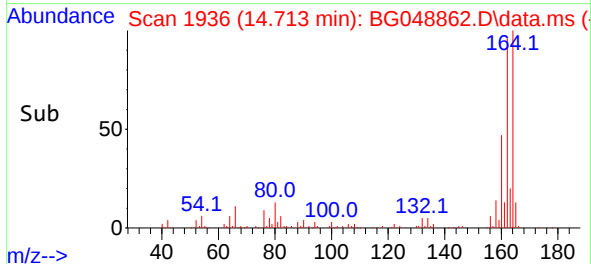
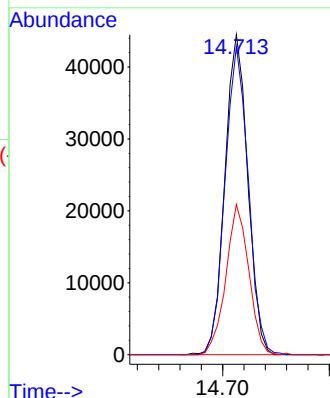
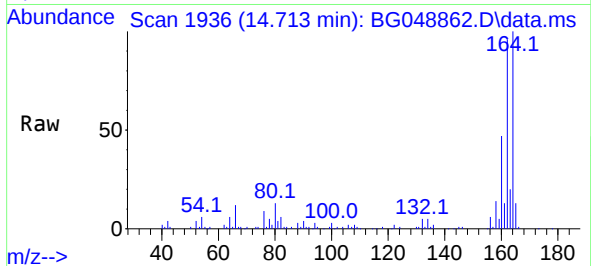
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.713 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:164 Resp: 66382
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 46.9 34.9 52.3

Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0

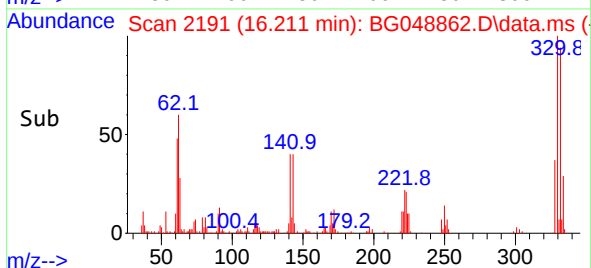
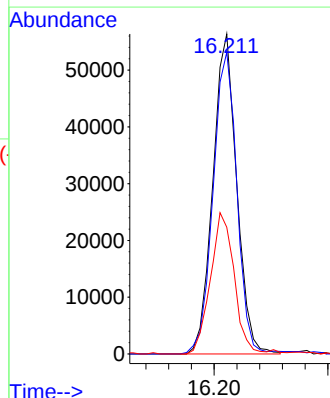
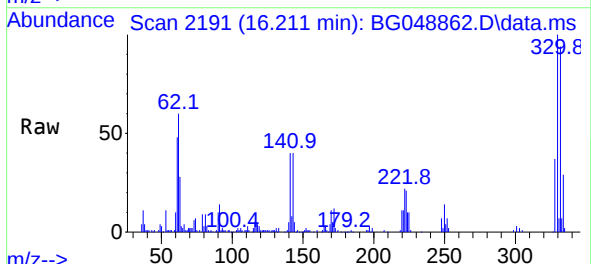
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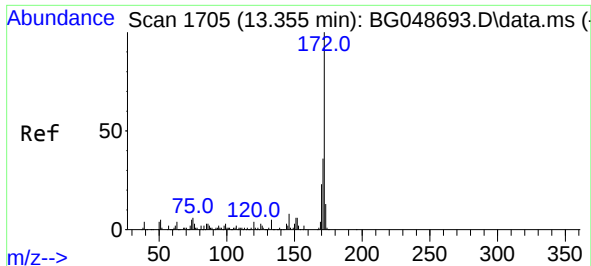
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#42
2,4,6-Tribromophenol
Concen: 91.96 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:330 Resp: 81846
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 44.0 35.6 53.4





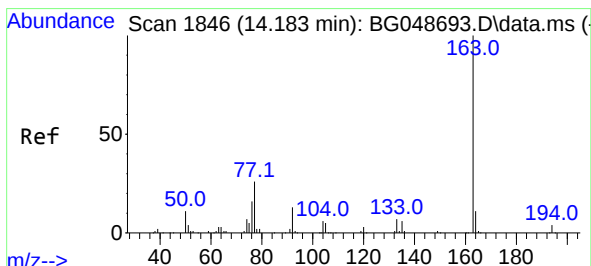
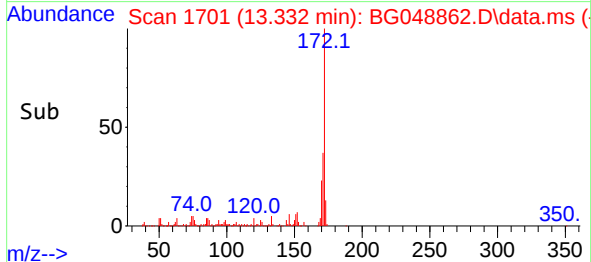
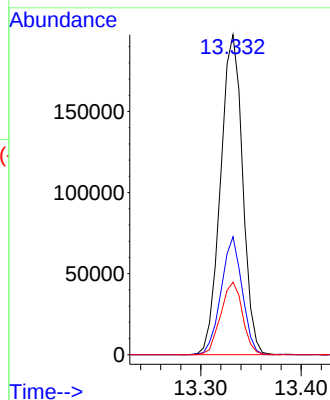
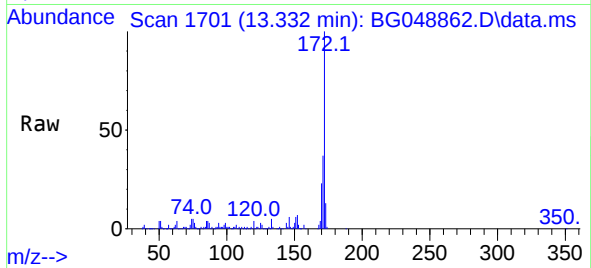
#45
2-Fluorobiphenyl
Concen: 65.42 ng
RT: 13.332 min Scan# 1701
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:	172	Resp:	300730
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.6	43.0
170	22.7	18.6	27.8

Instrument :
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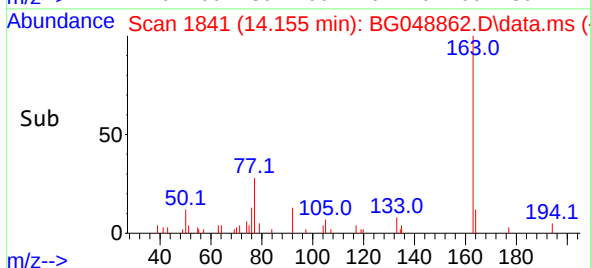
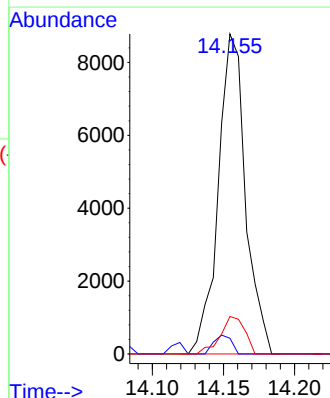
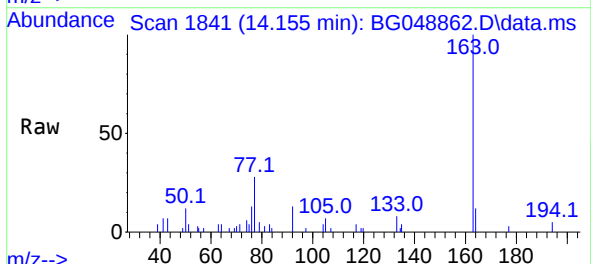
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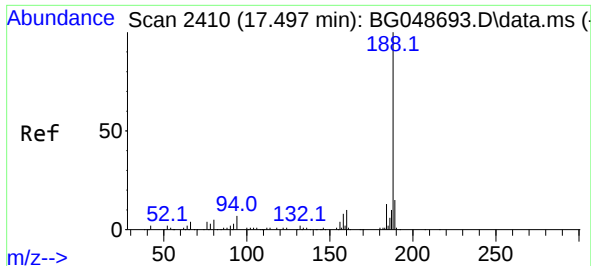
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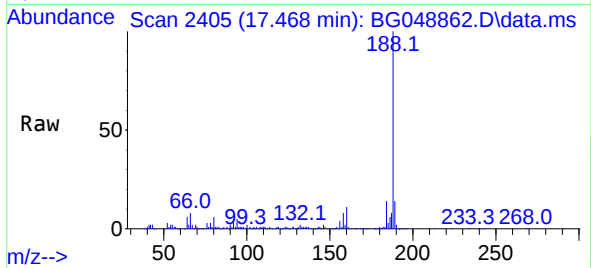
#50
Dimethylphthalate
Concen: 2.35 ng
RT: 14.155 min Scan# 1841
Delta R.T. -0.017 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:	163	Resp:	11719
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.0	4.6#
164	11.7	8.6	12.8

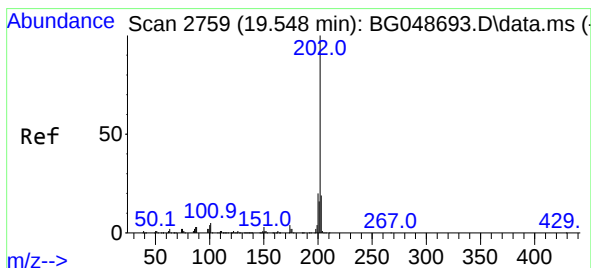
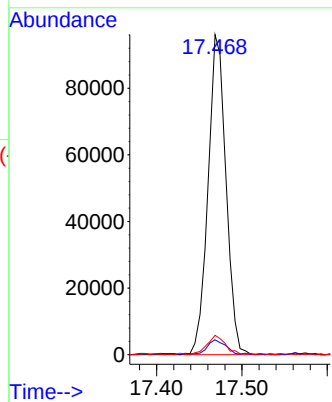
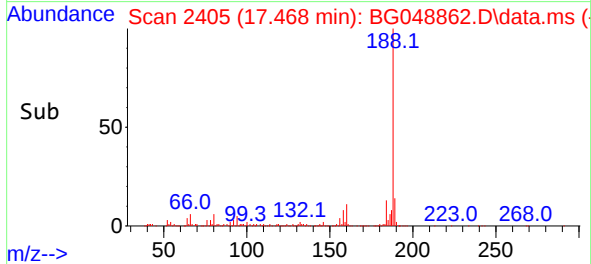




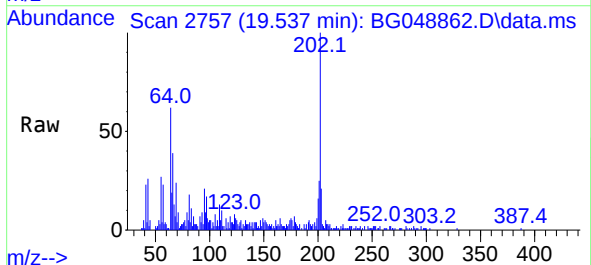
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



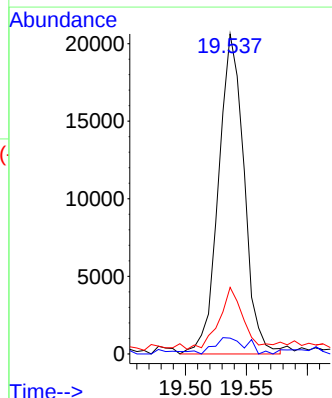
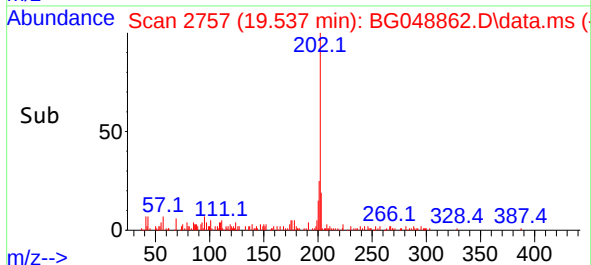
Tgt Ion:188 Resp: 140380
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.0 3.7 5.5#



#75
Fluoranthene
Concen: 3.27 ng
RT: 19.537 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



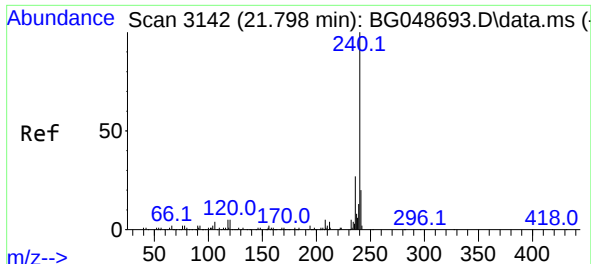
Tgt Ion:202 Resp: 30129
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 20.8 0.0 38.5



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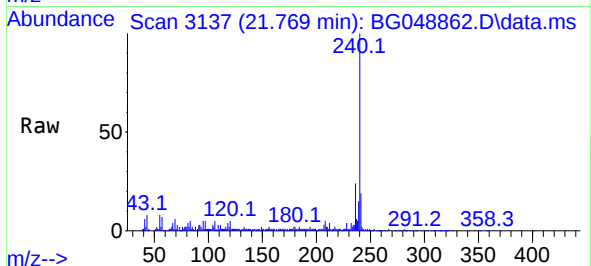
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

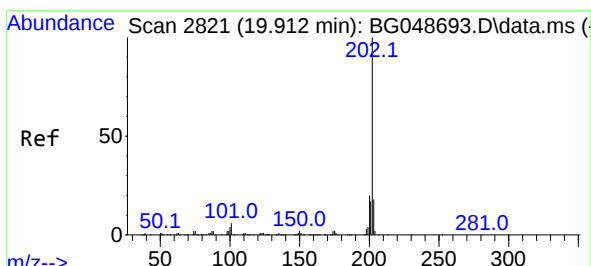
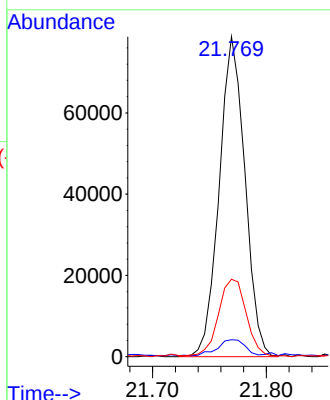
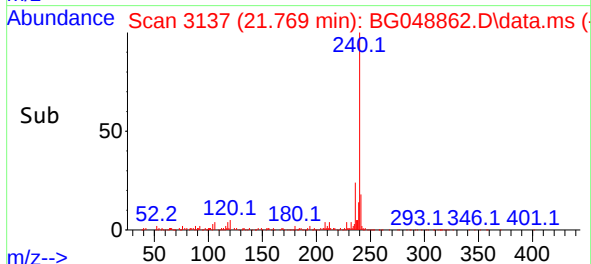
Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0



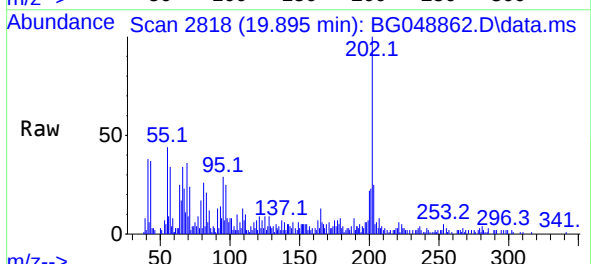
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Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 24.2 21.8 32.6

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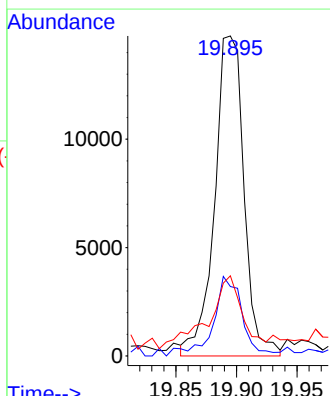
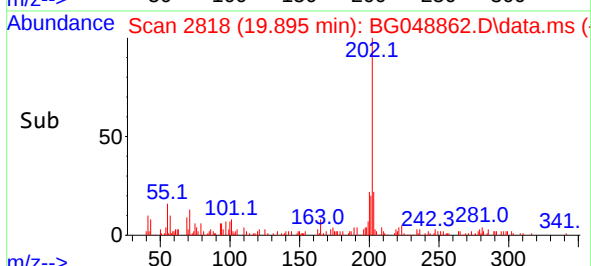
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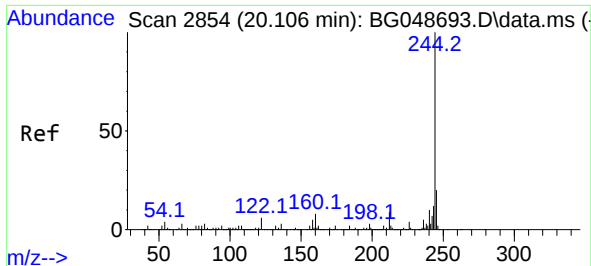


#78
Pyrene
Concen: 2.91 ng m
RT: 19.895 min Scan# 2818
Delta R.T. -0.005 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



Tgt Ion:202 Resp: 24905
Ion Ratio Lower Upper
202 100
200 21.7 15.8 23.8
203 25.0 14.6 21.8#





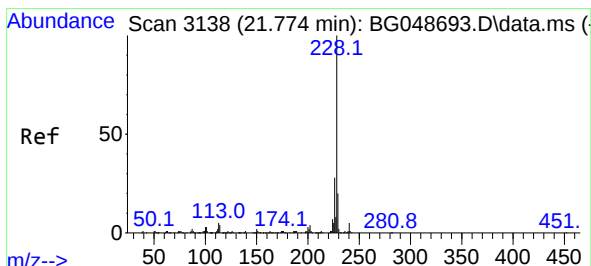
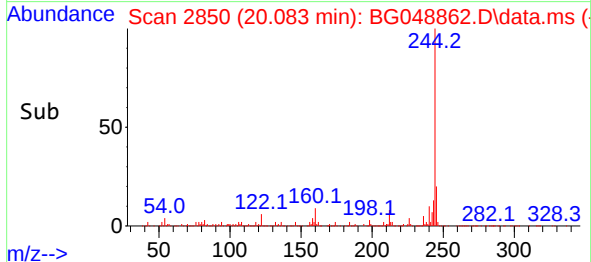
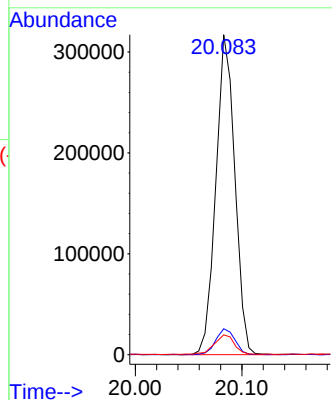
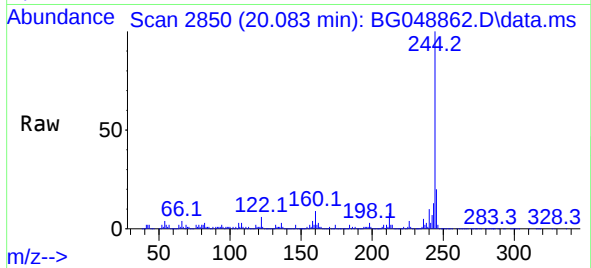
#79
Terphenyl-d14
Concen: 54.38 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:	244	Resp:	391177
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.9	10.3
122	6.2	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0

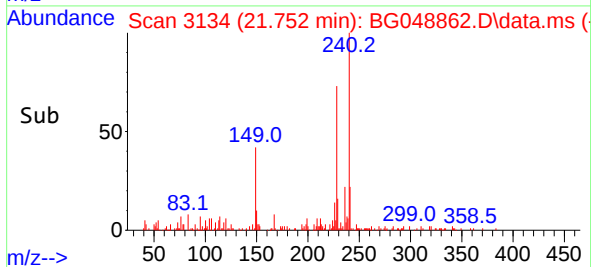
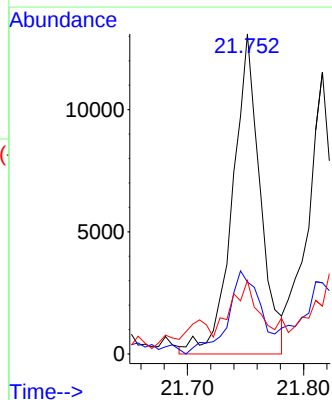
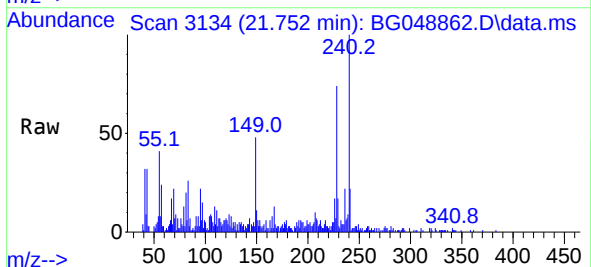
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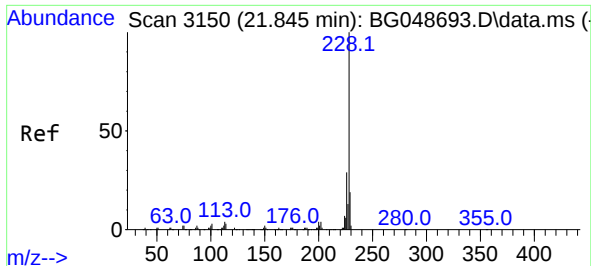
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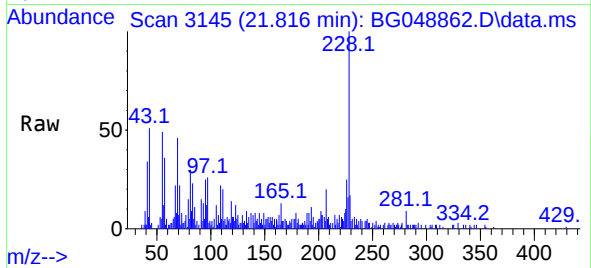
#81
Benzo(a)anthracene
Concen: 2.56 ng m
RT: 21.752 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

Tgt Ion:	228	Resp:	21628
Ion Ratio	Lower	Upper	
228	100		
226	22.5	22.7	34.1#
229	22.9	16.0	24.0

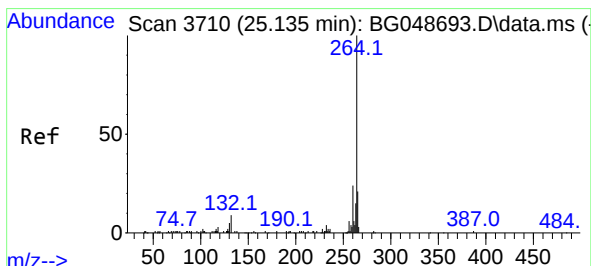
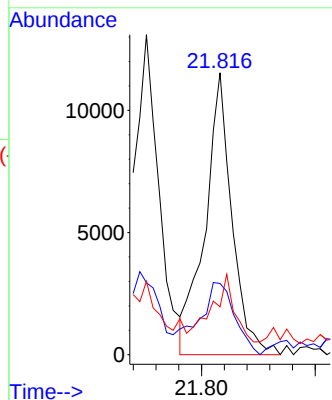
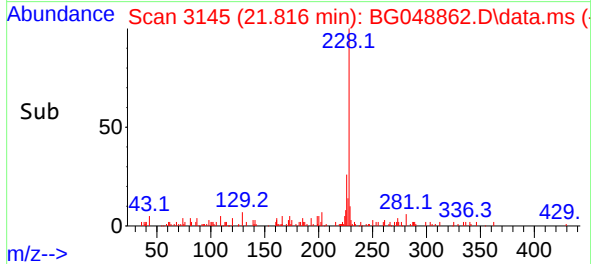




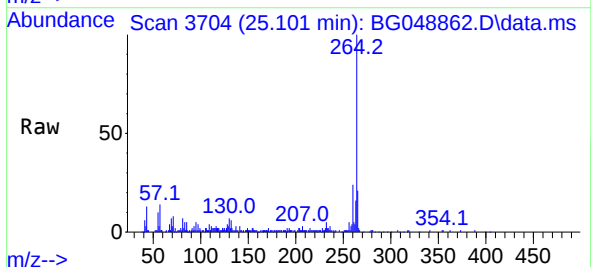
#83
Chrysene
Concen: 2.35 ng
RT: 21.816 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



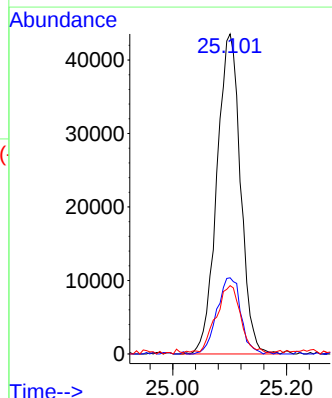
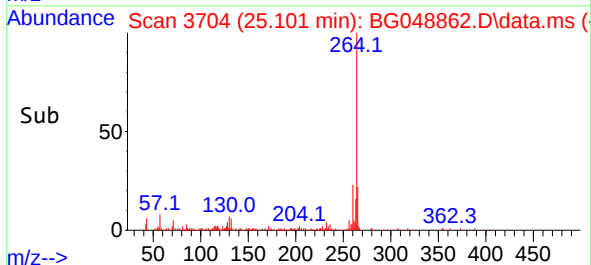
Tgt Ion:228 Resp: 18948
Ion Ratio Lower Upper
228 100
226 25.3 23.1 34.7
229 17.0 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.101 min Scan# 3704
Delta R.T. -0.011 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



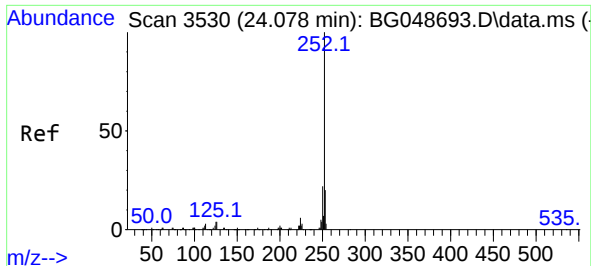
Tgt Ion:264 Resp: 125301
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.4 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0

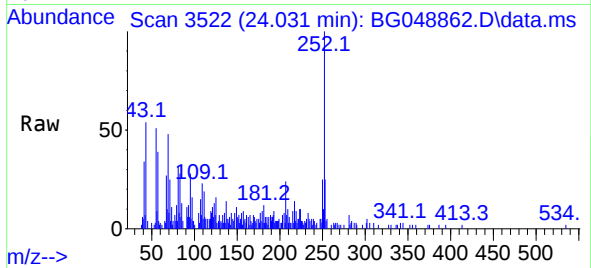
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#88
Benzo(b)fluoranthene
Concen: 3.13 ng
RT: 24.031 min Scan# 3522
Delta R.T. -0.017 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10

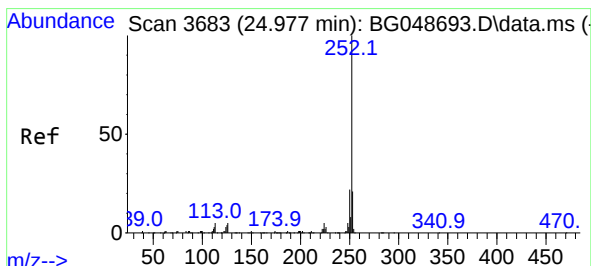
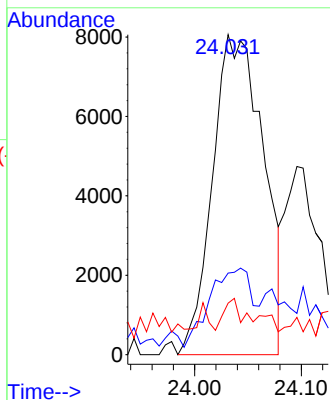
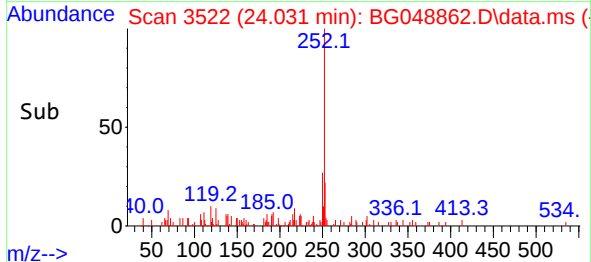
Instrument :
BNA_G
ClientSampleId :
SB-31-10.5-11.0



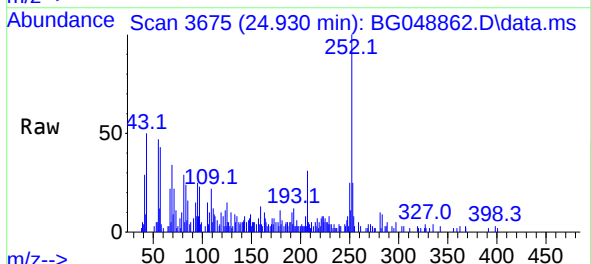
Tgt Ion:252 Resp: 26647
Ion Ratio Lower Upper
252 100
253 25.5 16.2 24.4#
125 16.1 3.0 4.4#

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#90
Benzo(a)pyrene
Concen: 2.80 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.023 min
Lab File: BG048862.D
Acq: 23 Apr 2021 14:10



Tgt Ion:252 Resp: 21958
Ion Ratio Lower Upper
252 100
253 25.0 16.6 25.0#
125 15.1 3.5 5.3#

